

Title (en)  
Heat resistant reflecting layer

Title (de)  
Hitzebeständige reflektierende Schicht

Title (fr)  
Couche réfléchissante résistante à la chaleur

Publication  
**EP 1213599 A2 20020612 (EN)**

Application  
**EP 01302385 A 20010314**

Priority  
JP 2000373602 A 20001207

Abstract (en)  
A heat-resistant reflecting layer includes Ag as a main component, a 0.1-3.0 wt% first element selected from the group consisting of Au, Pd, and Ru, a 0.1-3.0 wt% second element selected from the group consisting of Cu, Ti, Cr, Ta, Mo, Ni, Al, Nb, Au, Pd, and Ru. The second element is different from the first element. The reflecting layer maintains the high optical reflection index of Ag. The reflective layer has improved material stability and is stable when exposed to alkaline organic materials. The reflecting layer can be used as a reflector and a reflective wiring electrode for a liquid crystal display device, and as building glass for reflecting heat rays or infrared rays. <IMAGE>

IPC 1-7  
**G02F 1/1335**; **G02B 5/08**

IPC 8 full level  
**G02B 1/10** (2006.01); **G02F 1/1335** (2006.01); **G02F 1/1343** (2006.01)

CPC (source: EP KR US)  
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Cited by  
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